

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 17. (canceled).

18. (new): A communication system between a portable unit and a communication terminal, the communication terminal including at least means for transmitting an acoustic signal carrying data, and the portable unit including at least processing means for processing data, and receiving and conversion means including an electro-acoustic transducer for picking up said acoustic signal and converting said acoustic signal into data intended to be processed by said processing means, wherein the receiving means of the portable unit include an amplifier for the electric signal generated by the electro-acoustic transducer and a demodulator connected to the signal amplifier and intended for demodulating the acoustic signal received by the transducer and to transmit the demodulated signal to an input of a microcontroller which constitutes the processing means of said portable unit, the data carried by the acoustic signal transmitted by the communication terminal demodulated by the demodulator and processed by the microcontroller being stored in a memory associated with said microcontroller, the portable unit further including conversion and transmission means for converting data supplied by said processing means of said portable unit into an acoustic signal carrying data and for transmitting an acoustic signal, the communication terminal further including processing means for processing data and receiving and conversion means for receiving said acoustic signal transmitted by the portable unit and for

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converting said acoustic signal into data intended to be processed by said processing means of said communication terminal, the receiving and conversion means of the portable unit and the conversion and transmission means of the portable unit including a same electro-acoustic transducer used as a sound generator in a portable object including an alarm device.

19. (new): The communication system according to claim 18, wherein the conversion means of the portable unit include a modulation circuit which, via a drive circuit, activates the electroacoustic transducer, the processing means of the portable unit which include a microcontroller controlling the modulation circuit using data originating from a memory associated with said microcontroller.

20. (new): A communication system according to claim 18, wherein the receiving and conversion means of the portable unit include a sound generator circuit provided with a piezoelectric vibrator forming receiving means for the acoustic signal.

21. (new): A communication system according to claim 20, wherein the receiving and conversion means of the portable unit further include comparison means for comparing the voltage generated by the piezoelectric vibrator when the acoustic signal is received with a reference voltage, these comparison means generating an electric signal representative of the data carried by said acoustic signal.